



IPSWITCH

IMail Server™

Common Access Card

Setup Guide for IMail Server

Common Access Card Authentication for IMail Server

IMail Server v12.1 and later has the capability to allow Common Access Card authentication for a user logging into the IMail Web Client. Common Access Card authentication contains the information necessary to allow a secure communication without the transmission of a password as the security certificate is contained within the Common Access Card.

This document describes how to configure the IMail Server to use Common Access Card authentication.



Note: This document does not explain how to setup a Common Access Card reader or how to pass the certificate from the Common Access Card to the web browser. These steps are left up to the System Administrator.

Requirements

- IMail Server version 12.1 or later
- Server requirements are described in the *System Requirements page* (<http://www.imailserver.com/products/imail-server/system-requirements/>). System requirements can also be found within the product IMail Server v12.1 Release Notes.

Changes to IIS

After IMail Server is installed, IIS will need to have the following modifications:

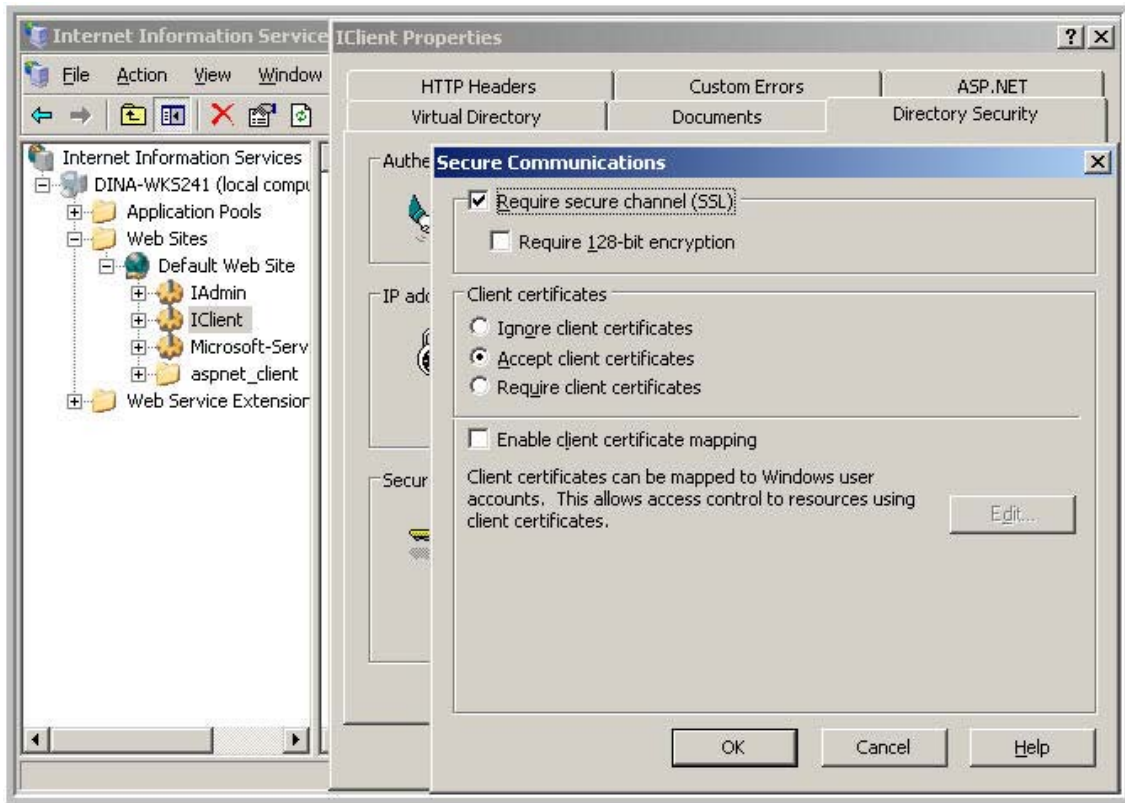
- The Default Web Site will need to utilize "HTTPS" with an installed SSL certificate.
- The "IClient" Web Site will need to be enabled to accept client certificates.

The following references Microsoft instructions on installing SSL certificates:

- Windows 2003 Server - IIS 6
(<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/iis/56bdf977-14f8-4867-9c51-34c346d48b04.msp?mfr=true>)
- Windows 2008 Server – IIS 7
(<http://technet.microsoft.com/en-us/library/cc771438%28v=ws.10%29.aspx>)

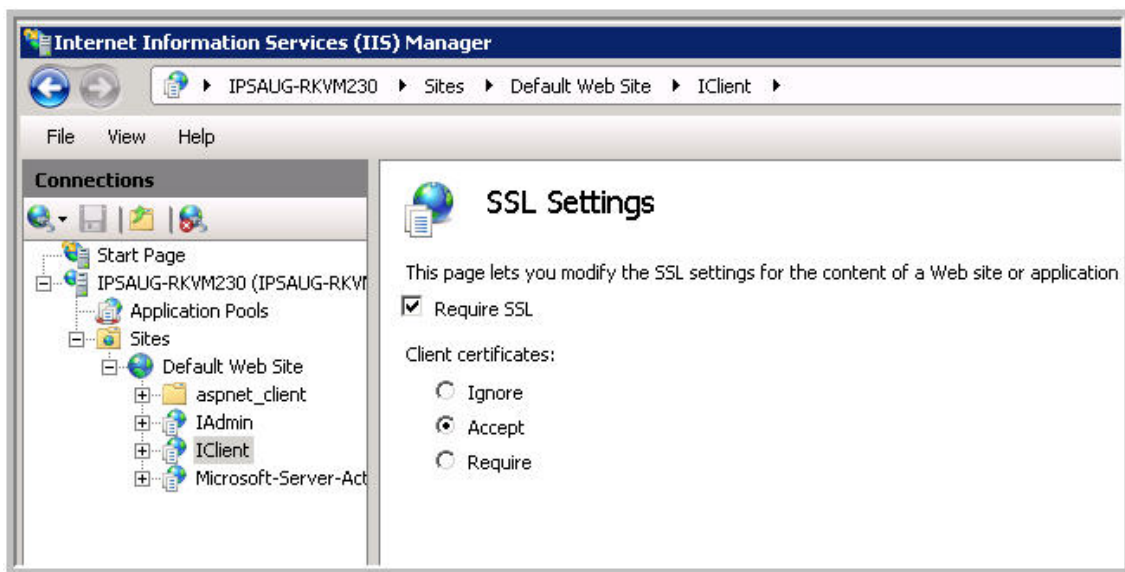
Windows 2003 Server

IIS 6 below displays "IClient" **Properties > Directory Security > Secure Communications** settings.



Windows 2008 Server

IIS 7 below displays "IClient" **SSL Settings**.



IMail Server Registry Modifications

An additional registry key containing two values will need to be added to the IMail Global key. The registry key must be added to the following location:

"HKLM\Software\Ipswitch\IMail\Global"

Registry to be added will require the following registry settings:

Registry Name: "ADPassThrough".

Name	Type	Data
Enabled	REG_DWORD	▪ 0x00000001 (1) - Enable Common Access Card Authentication in SMTP ▪ 0x00000000 (0) - Disable Common Access Card Authentication in SMTP
IPAddress	REG_SZ	String value ▪ 192.168.1.15 - Single IP Address ▪ 192.168.1.15, 192.168.1.16 – Comma separated IP Addresses. ▪ 192.168.0.0/24 - Range of IP Addresses in standard CIDR format.



Note: IP Address should contain the IP address(s) assigned to the IMail Server.

Registry Import

Copy the following into a text file; rename it with a ".reg" file extension to import into the registry:

Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Ipswitch\IMail\Global\ADPassThrough]

"Enabled"=dword:00000000

"IPAddress"=""

Common Access Card Authentication with IMail Web Client

Once IMail Server and IIS have been configured and the users Common Access Card is being utilized by the operating system, logging into the IMail Web Client consists of entering the https URL of the web client, and clicking the login button. The user's credentials will be pre-populated in the user name field, with only the options of selecting a language and using the Lite Web Client.

Common Access Card Login page displays pre-populated from card certificate information.



The image shows the login page for IMail Server. At the top is the logo for IPSWITCH IMail Server. Below the logo, there is a text input field for 'Email Address:' which is pre-populated with 'administrator@qatest.local'. Below that is a dropdown menu for 'Language:' with 'English (United States)' selected. There is a checkbox labeled 'Use Lite Web Client' which is unchecked. At the bottom is a blue 'Log in' button.

Standard login without Common Access Card in place. If the Common Access Card certificate is not supported or invalid, the Web Client will revert to the standard login screen.



The image shows the standard login page for IMail Server. At the top is the logo for IPSWITCH IMail Server. Below the logo, there are two text input fields: 'Email Address:' and 'Password:'. Below these is a dropdown menu for 'Language:' with 'English (United States)' selected. There are four checkboxes: 'Use Lite Web Client', 'Remember My Email Address', 'Remember My Password', and 'Automatically Login On The Next Visit', all of which are unchecked. At the bottom is a blue 'Log in' button.